

securing the end of the film, the spool C, grooved as described, and the film wound upon said spool with its end inserted and fastened within the groove therein, substantially as described.

26. In a photographic-film holder, and in combination with its inclosing-case, a film carrying and straining mechanism independently mounted and inserted within the said case and removably attached thereto, substantially as described.

27. In a photographic-film holder, and in combination with the inclosing-case, a spool carrying the sensitized film, a reel for unwinding the film from the spool and winding it up after exposure, and an adjustable friction-brake applied to said spool, whereby the degree of tension to which the film will be subjected when drawn from the spool is determined, substantially as described.

28. As a new article of manufacture, the herein-described roll of flexible sensitive photographic film consisting, essentially, of a spool provided with means for detachably applying it to a holder, and a strip or roll of flexible sensitive film attached at one end to the spool and wound with its sensitive face inward, substantially as described.

29. In a photographic-film holder, and in combination with a film-supply holder, and a feeding mechanism for transferring the film from the holder and into position for exposure, a tension-regulator applied to the film and acting to supplement the pull of the feeding mechanism, substantially as described.

30. In a photographic holder wherein are embodied an inclosing-case with exposing-aperture, a film-supply holder, and a feeding mechanism such as indicated, and in combination with said supply-holder and feeding mechanism, a supplemental tension-regulator applied to the film and operating, after the requisite feed has been effected, to maintain a constant pull upon the film lying between the supports and in front of the exposing-aperture, substantially as described.

31. In a photographic holder; and in combination with a film-supply holder and a feeding mechanism for withdrawing a portion of the film from the holder and sustaining it in position during exposure, a brake affording a

determined resistance to the pull of the feeding mechanism, a detent for preventing the recoil of the feeding mechanism, and a tension device acting upon the film to supplement the action of the feeding device and produce a tension of the film, substantially as described.

32. In a photographic-film holder such as described, and in combination with the film carrying and feeding devices, an elastic tension-regulator adapted to draw upon and strain the film between its supports and to continue such action during the feeding of the film and independently of the feeding devices, substantially as described.

33. The combination, with the spool carrying the film-supply, the reel, and a spindle for actuating the reel, an elastic tension-regulator intermediate the said spindle and reel, whereby the motion to feed the film is transmitted through the said tension device, substantially as described.

34. In a photographic holder such as described, and in combination with a device for holding the film-supply, a winding-reel to which one end of the film is attached, and an elastic tension device applied to said reel and operating to rotate the latter, substantially as described.

35. In a photographic-film holder, and in combination with its inclosing case and shutter, a frame detachably secured within said case, and provided with bearings to receive the detachable film-supply spool and reel, substantially as described.

36. In a photographic-film holder, and in combination with its light-excluding case provided with a shutter, as described, a removable frame inserted within said case and provided with a film-support, guide-rollers, and adjustable bearings at either end to receive the detachable spool and reel, whereby the entire film holding and actuating mechanism can be detached from its inclosing-case and held in operative position for adjustment, removal, or inspection, substantially as described.

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Witnesses:

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